

Title (en)
AIR CIRCUIT BREAKER

Title (de)
DRUCKLUFTSCHALTER

Title (fr)
DISJONCTEUR À AIR

Publication
EP 3376520 A4 20190619 (EN)

Application
EP 16863496 A 20160923

Priority
• CN 201520891438 U 20151110
• CN 2016099789 W 20160923

Abstract (en)
[origin: EP3376520A1] A air circuit breaker comprises a circuit breaker body. The circuit breaker body comprises a body base and an operating mechanism provided on one side of the body base. The body base comprises a base frame and a base bottom plate which are buckled with each other. The operating mechanism is provided on the outer side of the base frame. The circuit breaker further comprises a current transformer which is provided on the outer side of the base bottom plate. According to the air circuit breaker of the utility model, the current transformer is provided on the outer side of the base bottom plate, such that the assembly is convenient, the production cost is reduced, and the disassembly and maintenance are convenient and rapid at the same time. Static busbar mounting cavities and transformer mounting cavities are provided vertically along the base bottom plate in opposite directions in a layered manner, such that the internal space of the base bottom plate can be used reasonably.

IPC 8 full level
H01H 71/02 (2006.01); **H01H 71/00** (2006.01)

CPC (source: EP RU)
H01H 71/0228 (2013.01 - EP RU); **H01H 71/0271** (2013.01 - EP); **H01H 71/0264** (2013.01 - EP); **H01H 2071/006** (2013.01 - EP)

Citation (search report)
• [XY] CN 202034318 U 20111109 - SHANGHAI MUNICIPAL ELEC POWER, et al
• [Y] EP 2015334 A2 20090114 - LS IND SYSTEMS CO LTD [KR]
• [Y] US 6437269 B1 20020820 - RAKUS PAUL RICHARD [US]
• [Y] CN 203165823 U 20130828 - SICHUAN HEAG ELECTRICAL APPLIANCES CO LTD
• See references of WO 2017080319A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3376520 A1 20180919; **EP 3376520 A4 20190619**; **EP 3376520 B1 20201028**; CN 205140890 U 20160406; RU 2018120774 A 20191213; RU 2018120774 A3 20200525; RU 2733885 C2 20201007; WO 2017080319 A1 20170518

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